

WHAT IS CLAIMED IS:

1. A filtration apparatus comprising:
a housing head having an inlet and an outlet;
a housing bowl detachably attached to said housing head and
surrounding a cartridge filter to define a channel wall; and
5 clamping means exerting force to press said housing head and said
housing bowl against each other to clamp said housing head and said
housing bowl together, wherein:
said housing head has a portion facing said housing bowl and having
a sealing portion; and
10 said housing bowl has a sealing portion providing a seal when said
clamping means exerts force to allow said sealing portion of said housing
bowl to abut directly against said sealing portion of said housing head.
2. The filtration apparatus of claim 1, wherein said sealing portion
of said housing head and said sealing portion of said housing bowl each
extend in a form of a ring, one a protrusion and the other a recess abutting
against said protrusion, and wherein said seal is at least two circular seals.
3. The filtration apparatus of claim 1, wherein when said recess
and said protrusion are pressed against each other said recess is increased
in width elastically and has resilience allowing said recess to cooperate with
said protrusion to provide said seal.
4. The filtration apparatus of claim 1, wherein one of said sealing
portions of said housing head and bowl is a protrusion and the other is a
surface receiving said protrusion pressed thereagainst to elastically deform
and thus allow said receiving surface to cooperate with said protrusion to
5 provide a seal.
5. The filtration apparatus of claim 4, wherein said receiving
surface is recessed.
6. The filtration apparatus of claim 1, wherein said housing head,
said cartridge filter and said housing bowl are all formed of fluororesin.